



WEYMOUTH PUBLIC SCHOOLS

Strong Schools  Strong Community

Curriculum Mapping in WPS



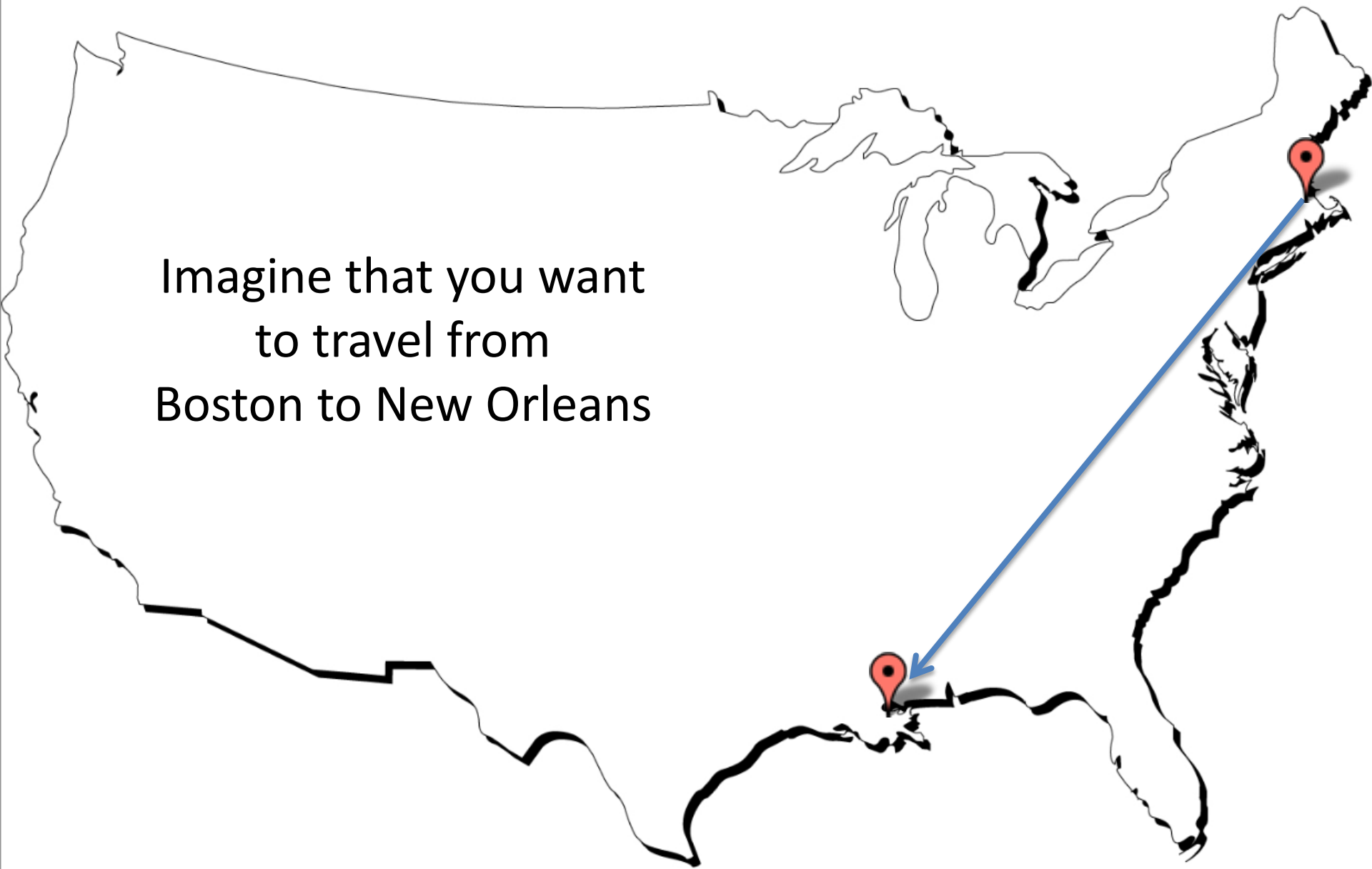
May 14, 2015

Agenda

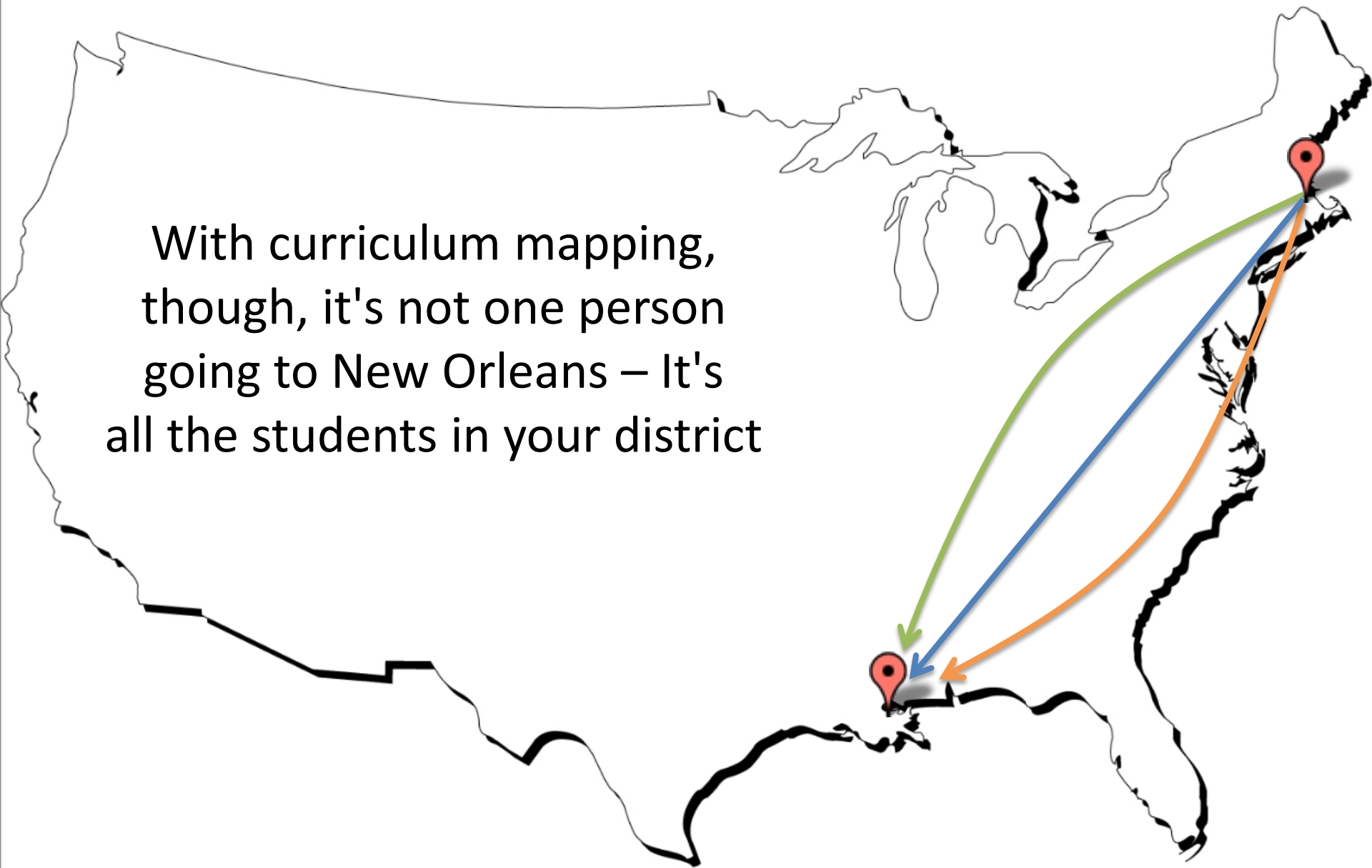
- What is Curriculum Mapping?
- Why Map?
- Curriculum Mapping Progress in WPS
- Instructional Management System
- Resource Needs
- Next Steps



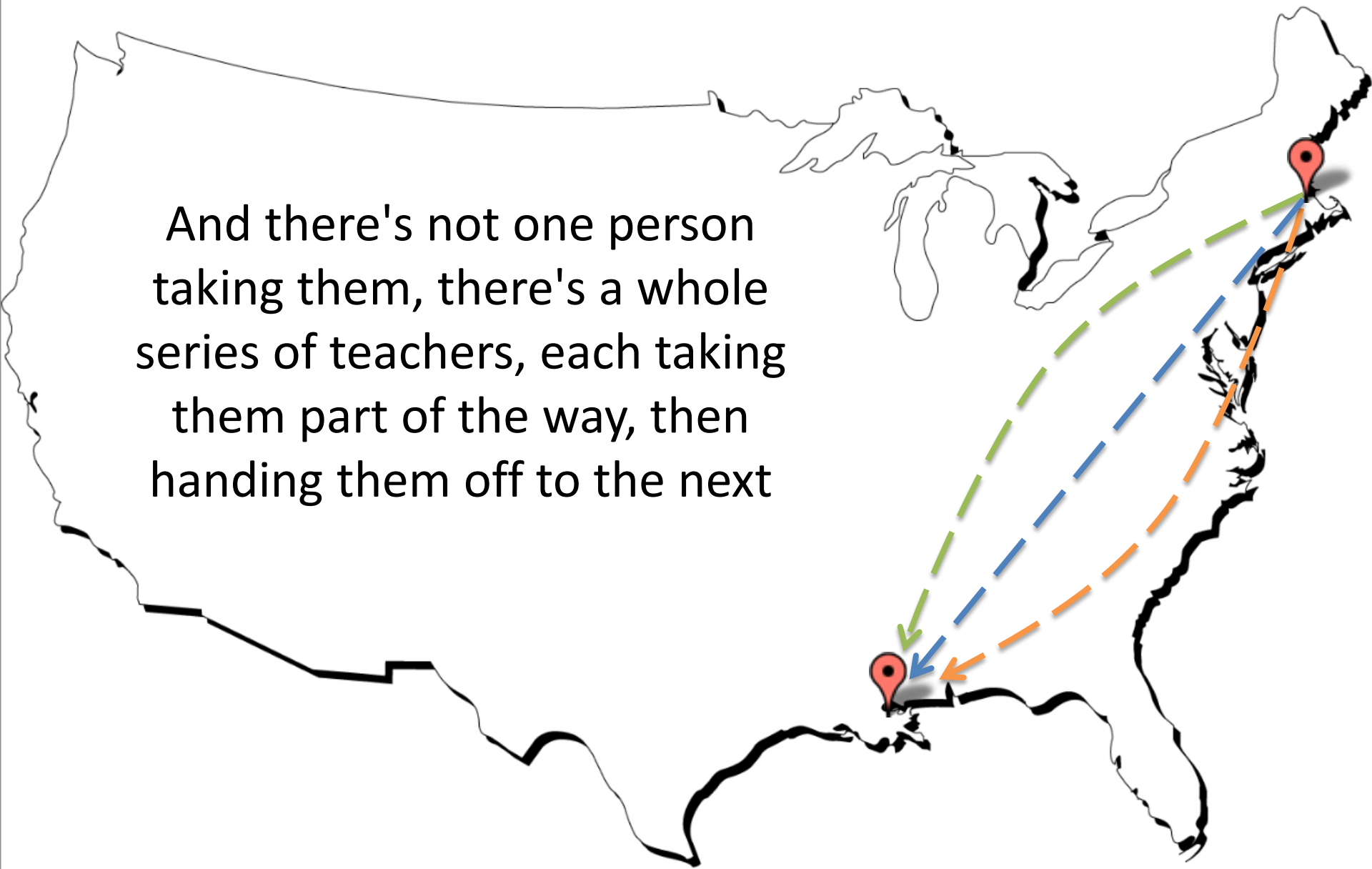
Imagine that you want
to travel from
Boston to New Orleans



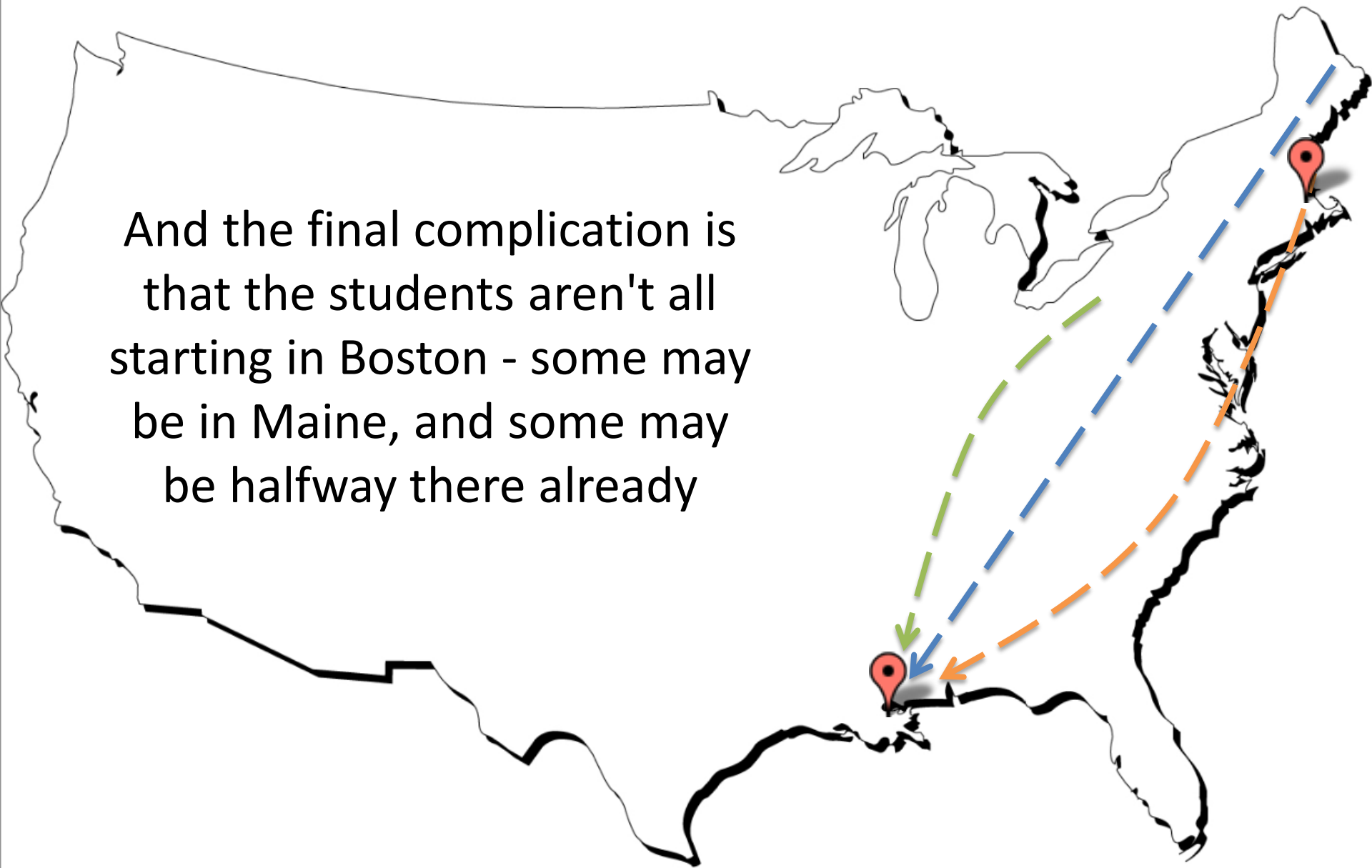
With curriculum mapping,
though, it's not one person
going to New Orleans – It's
all the students in your district



And there's not one person taking them, there's a whole series of teachers, each taking them part of the way, then handing them off to the next



And the final complication is
that the students aren't all
starting in Boston - some may
be in Maine, and some may
be halfway there already



Our collective task as educators in Weymouth:

- Where are we trying to take our kids?
- How will we communicate about this as a group of professionals, working to get a diverse group of students to an agreed-upon destination by the time they leave our care?
- How will we know if they're on track?
- What will we do if they aren't?
- How will we sustain this process as new people enter our system?



Curriculum Maps

A district curriculum map should serve as a broad overview of the year's curriculum across a grade or course and may include:

- **Content** – standards in each unit
- **Assessments** – interim, end-of-year, etc.
- **Resources and materials** – core curriculum materials and supplementary resources
- **Sequence of learning** – units sequenced in a timeline



MA Curriculum Frameworks

Required Shifts

- Math: standards are re-designed to provide greater focus; build coherence; pursue rigor
- English/Language Arts: use content-rich non-fiction/informational text; read and write using evidence from texts; read and understand complex texts



MA Curriculum Frameworks Cont.

- History/Social Studies: read and write using evidence from texts; analyze primary and secondary sources; discover patterns of behavior in history
- Science: read, comprehend and analyze claims in the text; support claims with logical reasoning; interpret and transfer scientific words to a visual format
- College and Career Readiness
- English Language Development standards



Consensus Maps

Consensus Maps include the content and assessments that everyone in a grade level or course agree will be taught and implemented.

(Hayes Jacobs, 2009)

Massachusetts Department of Elementary and
Secondary Education



Professional Development

- Curriculum mapping
 - Consensus Mapping, standards focused
- Overview of process
 - Collaborative effort to promote consistency
- All educators have a voice in the process
 - Value in daily practice and professional experience
- Data collected shared with Vertical Articulation Teams (VAT)
 - System of checks and balances



Vertical Articulation Teams

- Consensus Mapping
- Power/Priority Standards
- Summer Reading
- College and Career Readiness Team
- Pre-K -12 representation





Aspen

Instructional Management System

Curriculum Maps :: EnVision Math Grade 4

Assessment Definitions
Assessment History
Rubric Library
Rubric Rating Scales
Learning Standards
Curriculum Maps
 ▶ Details
 ▶ Chart
 ▶ Courses
Question Bank

Add View Edit Move Expand Collapse ☐ Show Lesson Plans

☒ EnVision Math Grade 4

- Topic 1: Multiplication and Division Meanings/Facts
- Topic 2: Generate and Analyze Patterns
- Topic 3: Place Value
- Topic 4: Addition and Subtraction of Whole Numbers
- Topic 5: Number Sense: Multiplying 1 digit numbers
- Topic 6: Developing Fluency Multiplying 1 Digit #s
- Topic 7: Multiplying by 2-Digit Numbers
- Topic 8: Developing Fluency Multiplying 2 digit #s
- Topic 9: Dividing by 1 Digit Divisors
- Topic 10: Dividing by 1 Digit Divisors
- Topic 11: Fraction Equivalence and Ordering
- Topic 12: Adding and Subtracting Fractions
- Topic 13: Extending Fraction Concepts
- Topic 14: Measurement Units and Conversions
- Topic 15: Solving Measurement Problems
- Topic 16: Lines, Angles, and Shapes

☐ Show Content

EnVision Math Grade 4

Details	Description	Core Content Objectives	Core Skill Objectives	Assessments	Standards
EnVision Math Grade 4 Start day: 1 Meetings: 180					<div>Massachusetts [M 4 G] 4.G.1</div> <div>Massachusetts [M 4 G] 4.G.2</div> <div>Massachusetts [M 4 G] 4.G.3</div> <div>Massachusetts [M 4 M&D] 4.MD.1</div>

Map Topics for "EnVision Math Grade 4"

Details	Essential Questions	Unit Content Objectives	Unit Skill Objectives	Unit Assessments	Connections to Core Values	Unit Resources	Standards
Topic 1: Multiplication and Division Meanings/Facts Start day: 1 Meetings: 11	<ul style="list-style-type: none">How can patterns and properties be used to find some multiplication facts?How can unknown multiplication facts be found by breaking them apart into known facts?How can unknown division facts be found by thinking about related facts?			Topic 1 Assessment			<div>Massachusetts [M 4 O&AT] 4.OA.1</div> <div>Massachusetts [M 4 O&AT] 4.OA.2</div> <div>Massachusetts [M 4 O&AT]</div>



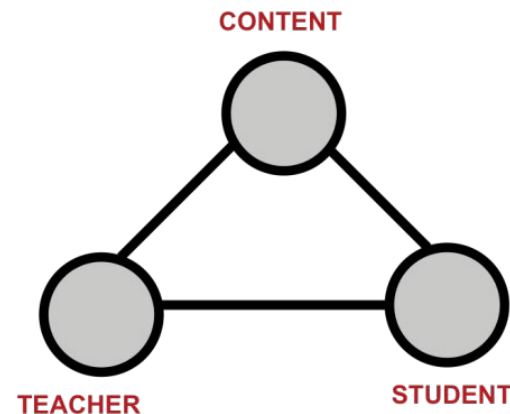
PARCC

- Bi-annual assessment
 - Performance based assessments PBA
 - End of year assessment EOY
- Connected to standards
- Application verses memorization
- Rigorous content
- Computer and paper-based versions



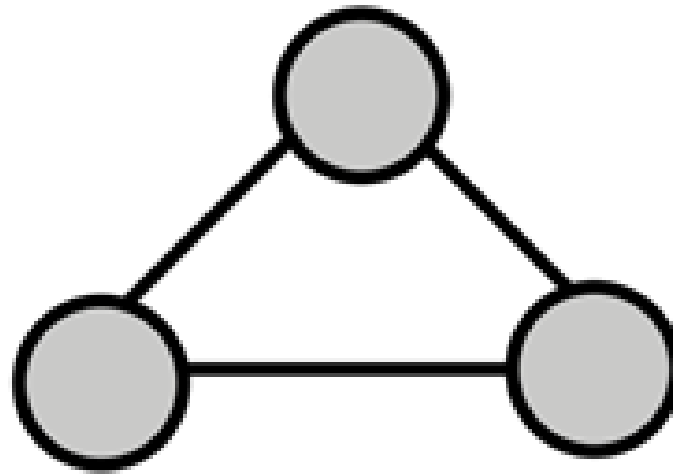
Instructional Core

Central belief that improvement can occur only through changes in the relationship of teachers and students in the presence of content



Connection to the Instructional Core

Massachusetts Common Core Standards



PARCC

Curriculum Mapping



FY 2016 Needs List

- Instructional Coaches
- Curriculum Leadership
- Intervention Curriculum Materials
- High School Curriculum Materials



Questions and Comments

